

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Koso FUJINO, et al.  
Title: SUPERCONDUCTING WIRE AND METHOD OF PRODUCTION  
THEREOF  
Appl. No.: Unassigned  
Filing Date: October 11, 2005  
Examiner: Unassigned  
Art Unit: Unassigned

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**10/552728****TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the date of entry of the national stage as set forth in 37 CFR §1.491.

**RELEVANCE OF EACH DOCUMENT**

Document A1 is a U.S. counterpart of Document A7.

The relevance of Documents A7-A11 is described in the present specification.

Documents A2-A6, listed on the attached PTO/SB/08 were cited as being relevant during the prosecution of the corresponding International application. A copy of the International Search Report is attached setting forth the portion of each document considered relevant by the examiner. An English translation of the foreign language documents is not readily available; however, the absence of a translation or an English-language counterpart document does not relieve the PTO from its duty to consider any submitted document (37 CFR §1.98 and MPEP §609). English language abstracts are attached.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or

JC85 Rec'd PCT/PTO 11 OCT 2005

Atty. Dkt. No. 017700-0179

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even entirely missing, the Commissioner is authorized to charge the unpaid amount to  
Deposit Account No. 19-0741.

Respectfully submitted,

Date: October 11, 2005

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: October 11, 2005

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	Unassigned
Filing Date	10/11/2005
First Named Inventor	Koso FUJINO
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	017700-0179

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A1	5,143,898		TAKANO et al.	09-01-1992	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A2	JP	02-207415	/ A	SUMITOMO ELECTRIC IND. LTD.	02-04-1989		A
	A3	JP	03-093110	/ A	ENGINEERING RESEARCH ASSOC.	04-18-1991		A
	A4	JP	02-248304	/ A	MITSUBISHI METAL CORP.	10-04-1990		A
	A5	JP	06-068726	/ A	SUMITOMO ELECTRIC IND. LTD.	03-11-1994		A
	A6	JP	07-105750	/ A	ENGINEERING RESEARCH ASSOC.	04-21-1995		A
	A7	JP	2803123	/	SUMITOMO ELECTRIC IND. CO.	07-17-1998		PT

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
	A8	J.H. JE et al., "Microstructure of RE <sub>2</sub> O <sub>3</sub> layers on cube textured Ni substrates," Physica C 384, Elsevier Sci. B.V., 2003, pp 54-60.	
	A9	B.W. KANG et al., "Comparative study of thickness dependence of critical current density of YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> on (100) SrTiO <sub>3</sub> and on rolling-assisted biaxially textured substrates," J. Mater. Res., Vol. 17:7, 2002, pp. 1750-1757.	
	A10	D. EYIDI et al., "Growth of CeO <sub>2</sub> thin film deposited on biaxially textured nickel substrate," J. Mater. Res. Vol. 18:1, 2003, pp. 14-26.	
	A11	FUJINO et al., "Development of High-temperature Superconducting Thin Film Tape Using the ISD Method," SEI Technical Review No. 155, 1999, pp. 131-135.	

Examiner Signature

/Paul Wartalowicz/

Date Considered

03/27/2009

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PW/